



## Hot Drummer Sends Jazz Concert Crowd



Allen Dawfon, drummer with Sabby Lewis' band, one of the musical aggregations appearing at Thursday night's jazz concert. Lewis' band is currently playing at Wally's Paradise. Bob Wilbur's Savoy band and the Techtonians sent the jazz concert customers with a Dixieland beat.

Photo by Astrachan

## '51 Senior Ring Contract Given To New Maker

### Lower Price, Detail Influences Change To Loren Murchison

The 1951 Senior Ring contract change was approved at the Institute Committee meeting Wednesday, February 15. An indefinite contract with the Balfour Jewelers was broken and Loren Murchison was chosen to supply the rings under a contract to be renewed every three years.

The principal reasons for the change were attributed to a lower price on the ring, better die-cutting and gold hardening, and improved craftsmanship. The new ring will exhibit more detail; the dome will be brought out clearly with the name of the school on it. Instead of rounded corners on the ring, sharp corners will be featured.

Ring sizes will be taken in about a month, after the samples have been approved and corrections in the detail have been made. The ring will be offered in three sizes—small, medium, and large. The student will have a choice of 10 carat gold, 14 carat gold, and sterling silver.

In addition to regular finish, lacquer finish is available for highlighting the detail and gold finish. Script or Old English engraving are offered. There will be a fifty cent charge for both the full name and the hardening.

## Poll Results

The results of the All-Tech Dance popular music poll showed a 33% return of votes from the student body. The tabulated results follow: music popularity, "I Can Dream, Can't I," "The Cry of the Wild Goose," "There's No Tomorrow," "Dear Hearts and Gentle People," "Chattanooga Shoe Shine Boy," "Lucky Old Sun," "Johnson Rag," "Music, Music, Music," "The Old Master Painter," "A Dreamer's Holiday." The favorite bands were: Guy Lombardo, Vaughn Monroe, Charlie Spivak, Benny Goodman, Benke, Louis Armstrong, Tommy Dorsey, Fred Waring, Artie Shaw, Elliot Lawrence.

The results were broadcast over the Boston Ballroom, WHDH, in an interview with four representatives from Technology. Bob Clayton, disc jockey, who held the interview will also be M.C. at the All-Tech Dance, to be held Saturday, February 25.

## World Affairs

A meeting of the Institute of World Affairs will be held at Salisbury, Connecticut, from July 5 to August 30. Those interested in this activity please contact Prof. Norman Padelford. The Institute group will probably number about forty students this year. The purpose of the Institute is to train students for leadership and to give them a better understanding of current international problems.

## Trackmen Crush N.E. 72-35; Rifle Team in Winning Trip

### Shooters Defeat NYU, Yale, Columbia, CCNY

Finally showing superior form which did not materialize during the earlier part of the season, the Tech riflemen returned victoriously from their Southern marathon sporting three new records.

Using their depth to full advantage, the Beavermen split their squad, sending six sophomores to smash Yale, 1381 to 1304 on Wednesday evening, while the rest of the Varsity continued on to New York in preparation for Thursday's matches.

At the three-way match with CCNY and Columbia on Thursday morning, the Engineers established a new team record firing 1414 out of a possible 1500, displacing the previous record of 1394, fired against B.U. earlier this season. Arthur Auer led the team with a new shoulder-to-shoulder individual record of 293, breaking the old mark of 286. CCNY fired 1379, while Columbia managed a 1358.

In the afternoon of the same day, the Beavers fired a new range record, beating a strong N.Y.U. aggregation, 1413 to 1398. This time the Techmen were led by Tanner who fired a 287.

On Friday afternoon, Rutgers dropped a meet to the Engineers by a score of 1402 to 1389. Dud Hartung led the way for Tech with a 286.

The team confidently moved on to Washington for the much publicized D. C. opens. More than twenty collegiate teams from the Eastern Coast had gathered there to battle for the trophy offered by the Marine Corps. M.I.T. entered two teams as did several of the other more powerful schools.

Late Saturday both M.I.T. teams

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## Soft Mud Changed Into Firm Footing By New Discovery

An ocean beach, a soupy mud road, or a pasture can be turned into a stable, rubbery surface suitable for landing operations, movement of heavy vehicles and landing of aircraft in less than five hours.

This is the word of a committee of civil and chemical engineers who reported recently on a study of a new chemical process for the stabilization of soils sponsored at Technology by the Engineer Research and Development Laboratories, Fort Belvoir, Virginia.

The treatment is based on an entirely new approach to soil solidification, according to the committee's report. The result, after a few hours, is a solid material of rubber-like consistency well adapted to withstand heavy impact loads and to distribute static loads over an uneven foundation.

### Rapid Chemical Reaction

The actual stabilization process is achieved by mixing three chemicals with the soil. A simple, fast chemical reaction takes place which effectively locks the molecules to-

(Continued on Page 4)

## Adams Breaks Record As Tracksters Triumph

The Tech indoor track team overwhelmed Northeastern last Saturday at Briggs Field 72 1/6-35 5/8, sweeping all places in the 600 and 1000 yard runs. Al Dell'Isola of Tech and Mazzoca of Northeastern posted double victories, Dell'Isola in the 50 yard dash and the 600 yard run, and Mazzoca in the broad jump and high jump.

Bill Nicholson of Tech won his specialty, the 2 mile, by over 100 yards and Jack Adams outclassed his competition in the 35 pound weight throw, winning by over 14

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## Expensive High Quality Items Cause Drop In "Coop" Sales

By EDWARD LEONARD

"To Coop or not to Coop"—is a question of major importance to the average Techman. With dwindling dividends and higher prices sparking the criticism of Technology students, the matter is fast coming to a head. Using the Coop's own figures we find that the sales volume of \$340,074.10 for the half-year ending January 30, 1949, is almost a 5% reduction over the \$357,951.34 volume for the corresponding 1948 period. In anticipation of this reduced sales volume and the accompanying decrease in profits, Coop manager N. E. Cole reduced the guaranteed dividend from 12% to 10%. However, Cole points out, Coop dividends in prewar periods were at the 10% level.

Let us air some of the other more common gripes now being discussed in Technology circles. Primarily, objection is directed at decreased dividends, higher prices, large

amounts of expensive and unwanted stock, and a barber shop whose work is, in the opinion of many, substandard.

Some of these objections are clearly foolish and unfounded. Coop representatives are ready to prove, item by item, that their prices are standard. A good many of the items sold at the Coop are "fair-traded," that is, their prices are set by the manufacturer and are standard throughout the country.

Coop officials point to reduced sales volume as the primary reason for reduction in this year's dividends. They pass off this reduced volume as a direct result of changing business conditions.

Here is where we find our principal objection to Coop policy. Facts indicate that the reduction in sales volume is largely a matter of selling the wrong kind of merchandise. The

(Continued on Page 2)

# Atomic Energy, Electric Aeronautical Fields List Opportunities For Grads

## New AEC Program Includes Clearance By FBI Of Candidates For Fellowship

Three fields of interest to coming Institute graduates are announcing programs of advanced work and study at this time. Pre-doctoral fellowships, with the Atomic Energy Commission, graduate and junior staff positions in the Electrical Engineering Department of The Institute, and research jobs in the laboratories of the National Advisory Committee for Aeronautics are positions, the details of which are now available.

## Confab To Air Religious Ideas

### Concepts Of Jesus Listed For Andover

Students from Technology, Harvard, Brown, Wellesley, Simmons, Colby and 25 other New England colleges will gather at North Andover, Mass., on March 10-12 to discuss the different modern conceptions of Jesus. The conference sponsored by the Student Christian Movement will consider the theme, "What can I believe about Jesus?" from the fundamentalist, Hebrew, Unitarian, and middle of the road viewpoints.

The conference will be highlighted by a town meeting panel discussion with Rabbi Maurice Zigmund, of Harvard Hillel, Rev. Calvin Malefyt of the Park Street Church, Rev. Dana Greeley of the Arlington St. Church, and Rev. Samuel Miller of the old Cambridge Baptist Church, presenting the views of their different faiths.

### Zuby To Speak

The well-known Dr. Rayborn Zuby, professor of theology at Bates College, will serve as chairman of the discussion. A maximum of student participation has been provided for in the program, as a number of informal discussion groups will be conducted by the church leaders.

TCA is very anxious to have a large delegation from the Institute attend. The cost of board and room for the weekend is small, and transportation to North Andover can easily be arranged. All students who are interested, undergraduate or graduate, are urged to register for the conference at the TCA office.

### Revised Fellowship Program

Similar regional fellowship arrangements with the AEC will be made in other parts of the country by other university groups. The new program differs from the pre-doctoral program previously administered by the National Research Council in that the subjects of research must be related closely enough to atomic energy so that the candidate upon completion of his studies will be especially suited for employment by the AEC or one of its contractors.

Stipends for studies in the biological and physical sciences ranging from \$1,500 to \$2,400 per year are available for the coming academic year ending June 30, 1951. Fellows requiring access to secret data or secret areas will be required to have full clearance as provided by the Atomic Energy Act of 1946; all other fellows will be required to have "fellowship approval" as required by the Independent Offices Appropriations Act for the fiscal year 1950. Both are administered by the FBI.

The department of electrical en-

(Continued on Page 2)

## Art Wasserman Wins Singing Talent Contest At Monroe's Meadows

Arthur A. Wasserman '51 was chosen male winner of a preliminary talent contest held Friday evening, February 17, at The Meadows, Vaughn Monroe's famous Framingham restaurant. Wasserman, who sang Gershwin's "Summertime," competed against representatives from forty New England colleges for an opportunity to enter the finals April 21.

The contest is a Meadows promotional scheme for both boys and girls with the final winners each receiving a \$750 scholarship. Also the winning girl will receive an opportunity to record for RCA Victor with Monroe and the winning boy will record for the same company with Larry Green.

The representatives for the preliminaries are chosen by elimination and selection at the individual colleges. One student from each school is selected. The preliminary contests will take place each Friday evening, continuing until the date of the finals, at which time approximately six boys and six girls will compete for high honors.

The Meadows provided the contestants with transportation to and from their respective schools, and served them dinner.



# The Tech

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## CALENDAR OF EVENTS

### WEDNESDAY, FEBRUARY 22, 1950

Washington's Birthday. Holiday.

### THURSDAY, FEBRUARY 23, 1950

City Planning Department. Housing Seminar: "Middle Income Housing." Catherine Bauer (Mrs. William W. Wurster), Vice President, National Public Housing Conference. Emerson Room, Room 7-403, 4:00 p.m.  
 Civil and Sanitary Engineering Department, Hydraulic Section. Seminar: "Highlights in Hydraulic Design and Construction of the New Metropolitan Water Supply." Karl R. Kennison. Room 1-390, 4:00 p.m.  
 Speech Analysis Group. Fifth of a series of six talks and discussions on "Phonetics and Speech Analysis." John Lotz, Professor of Linguistics, Columbia University. Room 24-213, 4:00 p.m.  
 Physics Department. Colloquium: "Theory of Superconductivity." Dr. Laszlo Tisza. Room 6-120, 4:30 p.m.  
 Flying Club. Membership Rally. Room 4-270, 5:00 to 6:00 p.m. Open to the public.  
 Mathematics Society. "Calculus of Variations." Dr. George B. Thomas, Jr. There will be a discussion of the society's plans for Open House. Room 4-370, 5:00 p.m.  
 Technology Christian Association. Dinner meeting. T.C.A. Officers and Advisory Board. Silver Room, Walker Memorial, 6:00 p.m.  
 \*Business and Engineering Administration Department. Luncheon for officers of M.I.T. Management Association. Speaker: Lawrence A. Appley, President, American Management Association. Fabian Room, Graduate House, 12:00 noon to 1:30 p.m.  
 Business and Engineering Administration Department. Film showing, "Productivity, Key to Plenty," (Twentieth Century Fund) and one other industrial relations film. Projection Room, Hayden Memorial Library (basement), 2:00 to 3:00 p.m.  
 Business and Engineering Administration. Tea for sponsors of Industrial Relations Section and for graduate students of Courses XIV and XV. "The Personnel Function in Industry." Dr. Lawrence A. Appley. Faculty Lounge, Hayden Memorial Library, 3:30 to 5:00 p.m.  
 Business and Engineering Administration Department. Convocation for sponsors of Industrial Relations Section and for staff and graduate students of Courses XIV and XV. "Executive Development in Industry." Dr. Lawrence A. Appley. Campus Room, Graduate House, 7:15 to 8:30 p.m.

### FRIDAY, FEBRUARY 24, 1950

Pershing Rifles. Regimental Assembly leaving for The City College of New York. Lobby Building 24, 10:15 a.m.  
 Business and Engineering Administration Department. Film showing, "Productivity, Key to Plenty," and one other industrial relations film. Projection Room, Hayden Memorial Library, 2:00, 3:00, and 4:00 p.m.  
 Mechanical Engineering Department. Seminar: "Experimental Study of Turbulent Mixing." Fred Landis. Room 3-470, 4:00 p.m. Coffee will be served in Headquarters from 3:30 to 4:00 p.m.  
 Speech Analysis Group. "Phonetics and Speech Analysis." Professor John Lotz. Room 24-213, 4:00 p.m.  
 Outing Club. Square Dance. Buckingham School, Buckingham Street, Cambridge, 8:30 p.m. Beginners are welcome and will be given instruction.

### SATURDAY, FEBRUARY 25, 1950

Dormitory Committee, Interfraternity Conference, and 5:15 Club. All-Tech Dance. Charlie Spivak's Orchestra. First Corps Cadet Armory, Arlington & Columbus Avenues, 8:00 to 12:00 p.m. For all Faculty and staff members, as well as all students.  
 Debating Society. Finals of fifth annual debate tournament. Question: Resolved that the United States should nationalize all basic non-agricultural industries. Room 6-120, 2:00 p.m.

### MONDAY, FEBRUARY 27, 1950

Technology Matrons. The Book Club. Mrs. Sanborn C. Brown will review A. B. Guthrie's novel, "The Way West." Emma Rogers Room, 2:45 p.m.  
 Aeronautical Engineering Department. Seminar: "Present Limitations and Future Developments of Helicopters." Professor Rene H. Miller. Room 33-319, 4:00 p.m. For staff members and graduate students.  
 Alumni Council. Dinner meeting. Dr. John B. Wilbur, '26, Chief Engineer for the new Boston Central Artery, will discuss this project. Dinner: Campus Room, Graduate House, 6:00 p.m.; meeting, 7:15 p.m.

### TUESDAY, FEBRUARY 28, 1950

Acoustics Laboratory. Seminar: "The Effect of Lateral Boundaries on the Transmission of Sound at Oblique Incidence through Plates." Professor Richard D. Fay. Room 20E-121, 4:00 p.m.  
 Biology Department. Colloquium: "Recent Trends in Experimental Embryology." Dr. Viktor Hamburger, Visiting Professor, Washington University, St. Louis, Mo. Room 10-275, 4:00 p.m.  
 English and History Department. "Art and Its Nearness to Life." S. Giedion, Visiting Professor of History. Room 2-190, 4:00 p.m.  
 Model Railroad Club. Business meeting. Room 20E-216, 5:15 p.m.  
 \*A display of "Personnel Workshop" material will be shown under the auspices of Business and Engineering Administration Department in Dewey Library, Hayden Memorial Library, on Thursday, February 23, and Friday, February 24.

## EXHIBITIONS

Forty colored lithographs by Honore Daumier, nineteenth century French artist, will be on display in Lobby of Building 7 until March 3. The lithographs are from the Albert H. Wiggin Collection of prints which has been donated to the Boston Public Library.

Photographic salon prints by Earle W. Brown of Detroit will be shown in Photographic Service gallery, Basement of Building 11, until March 5.

## CALENDAR OF EVENTS

The Calendar of Events is published weekly on Tuesday in THE TECH and contains announcements for the following week. It is sent without charge to all members of the staff, heads of D.I.C. projects, as

(Continued on Page 4)

## Fraternity Findings

By JIM STOLLEY and FRANK JARMAN

One week ago, the Pi Lambda Phi celebrated their thirtieth anniversary by having an "alumni weekend." Because of the nature of the column last week, we made no mention of this gathering, but the Pi Lams do deserve credit for making it an event their alumni will long remember. Friday night there was a cocktail party in the house; the next night, after an initiation dinner, they gave a formal dance with Herbie Sulkin and his band providing the music.

### Hell Weeks Over

For the past few weeks Building 10 has echoed with the sound of marching feet as the pledges of the various fraternities did rifle drill with brooms and walked with half gallon tomato cans strapped to their feet. This annual midwinter phenomenon precedes their initiation into the chapter as actives. Some of the more fortunate pledges are sent on missions such as obtaining the bust measurements of the senior class officers at Wellesley, but most of them spend their Hell Week washing walls and scrubbing floors in the chapter house. At any rate, it's almost over now, and once again, peace and quiet will reign in the halls of Tech. At least they'll reign until the editors of a certain local humor magazine decide on newer and more obnoxious publicity stunts.

We think the coming All Tech Dance will be the best thing since Popsicles. It will be a chance to prove that Tech students can really get together and make it a top social event of the year. Besides, no self-respecting college boy should pass up the chance to hear "the sweetest trumpet in the world," . . . Charlie Spivak, that is.

## Coop

(Continued from Page 1)

sales drop is not so much a result of the change in business conditions as the change in buying habits of the Technology store patrons. When asked if the quality of merchandise was not too high for the average income of its customers, Coopman Cole stated that the Coop has been satisfying the needs of over 80% of its potential customers.

### Hair Dryers, Waffle Irons Stocked

While this last statement may have been true a year or two ago, it certainly does not fit today's situation. In spite of the fact that the percentage of married students attending Technology is on the downgrade, the Coop still maintains large stocks of such items as toasters, hair dryers, and waffle irons.

One of the biggest gripes of students is the large price they must pay for textbooks in the book shop at the Coop. Prices there, however, are standard with other stores selling engineering texts, and it is doubtful if prices of these books will ever decrease. Bookshops at some schools have found a solution to this problem in the buying and selling of second hand texts.

### Continued Decrease in Sales Seen

If you are like most students here, you use large quantities of scrap paper. The cheapest paper sold at the Coop for such purposes runs about \$.20 per hundred sheets, while a stationery store just across the bridge sells lower quality, but equally effective, paper for \$.49 per

## Fencers Spear UConn 14-13

Friday evening the Tech fencers marked their return to the winning column with a hard-fought 14-13 victory over a strong University of Connecticut team on Tech's strips. A sizeable crowd of spectators saw the engineers successfully defend a small lead throughout the latter half of the contest.

The foil team showed signs of regaining its form as it overcame an early deficit to win by a 5-4 score. Tony Mirti led the foilsmen with three victories, while Captain Frank Kellogg accounted for the other two wins.

With only a small lead to work on, the epee team came through with five victories to put Tech two bouts ahead. Charlie Kurz won three of these matches and Fred Rayfield and Al Zepiger took the other two wins.

The Uconns fought back desperately in the saber event, but with the score in bouts standing at 13-12 in Tech's favor, Pete Ney clinched the meet with the second of his two victories of the evening. Jim Turner and Frank Kellogg garnered the other two victories in the event for Tech. However, Connecticut won the saber event by virtue of a last-bout victory.

The triumph over the Connecticut team should help give the squad the edge it needs for its two scheduled bouts this week; one with Harvard Thursday evening, away, and the other with Bowdoin Saturday afternoon at home.

## Movie Will Explain Rugby Rules of Play

Want exercise? Try rugby, say the members of the M.I.T. Rugby Club. It combines the bodily contact of football with the continuous action of soccer, and provides a bit of good healthy exercise on the side.

Anyone interested in playing, or learning how, is invited to see a sound film Thursday, Feb. 23, at 5 p.m. in 5-204 showing the workings of the game. No previous experience is necessary and the chances are, you will be in shape to participate in the four-game schedule for this spring with Harvard, Princeton, Yale and McGill.

five hundred sheets. Recently a student priced loose leaf reinforcements at the Coop. The only available brand Dennison's — fancily boxed and priced at \$.10 per hundred. A drug store not a block from the Coop sells reinforcements of comparable quality for \$.05 per hundred.

Granted, business conditions today are not what they were a year ago. However, businesses are making handsome profits and providing satisfaction to their customers. Therefore a continuation of the Coop's present policies can only result in increased dissatisfaction and decreased sales.

## KENMORE VIRGIL THOMPSON

COMPOSER AND CRITIC SAYS IN THE NEW YORK HERALD TRIBUNE "A historical document . . . a first class execution of the decade. This is what Verdi's 'Rigoletto' looks like when performed by the best contemporary artists."

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## Opportunities

(Continued from Page 1)

engineering is offering research opportunities in a wide range of fields, according to Prof. Harold L. Hazen. These include electronics, servo-mechanisms, high-speed digital computers, dynamic analysis and control, center of analysis, insulation research, high-voltage, synchrotron, network analyzer, stroboscopic photography, and acoustics.

Appointments as full-time research assistants and associates will be made to some graduate students. Teaching assistants and instructors will also be needed. Part-time graduate studies will be possible in both cases. In addition, a number of fellowships and scholarships will be available to outstanding full-time students.

### NACA Exams

For the first time, a limited number of research-minded science and engineering graduates will be appointed Aeronautical Research interns at the laboratories of the National Advisory Committee for Aeronautics. Applicants will be selected on the basis of standing in a nation-wide examination under U. S. Civil Service examiners.

Applications for the examination must be received by the Board of U. S. Civil Service Examiners, NACA, Langley Field, Virginia, not later than February 28, and should be made by filing card Form 5000-AB. These may be obtained from any first or second class post office, the U. S. Civil Service Commission, or the Langley Board.

Through the laboratories at Hampton, Va., Moffet Field, Calif., and Cleveland, O., research will be conducted in appropriate branches of engineering (aeronautical, civil, ceramic, chemical, electrical, mechanical, or metallurgical). Salary is \$3,100 per year, and veterans' preference is given, provided other position requirements are met.

## Melissas, Moroney Win Bridge Club Championship

Nick Melissas and Dick Moroney won the annual Bridge Club championship tournament, held in the New Dorm Lounge on Saturday afternoon and evening. Dick Lesser and Marty Cornish finished second, 1½ points behind.

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# Cagers Take Fourth Straight

BREAKING THE TAPE FOR TECH



Al Dell'Isola (third from left) leading two Northeastern runners across the finish line in the 50 yard dash of last Saturday's track meet. Tech won handily, 72 1/6-35 5/6.

## Natators Trounce R.P.I. By 40-35 As Relay Decides

Tech's swimming team pulled out a thrilling 40-35 win over Rensselaer Polytechnic Institute in a meet held last Saturday at Troy, New York.

The meeting was close all the way, the verdict being in doubt right up to the final relay which saw Beaver Captain Frank Conlin, swimming the anchor leg, outlast Fishmann of RPI to win by about a foot. In this event the Engineers broke the Tech record, paddling the 400-yard distance in three minutes, forty-four seconds flat.

Tech's freshmen natators dropped a 41-34 decision to Moses Brown in a meet held at Alumni pool. The meet was close for the first few events with the Beaver Kits holding a 12-6 margin after their stel-

## Thump Bowdoin, 83-74 To Break Scoring Record

### Hohorst Tallies 19 Pts. For Year's High Mark

After a slow start, a rejuvenated Tech five bagged its fourth straight victory last Friday night, topping Bowdoin, 83-74. Paced by Hank Hohorst who raked in 19 tallies, the Beavers hit an all-time Technology scoring high.

Although the game started slowly with three Bowdoin foul shots and a Tech basket, it soon turned into a real scrap. At first the Engineers couldn't seem to deal out the fire and flash that they've shown in recent games, and the visitors jumped off to a 14-5 lead. During this spell the Tech defense was shoddy and poor rebounding hampered the Engineers.

### Beavers Close Gap

However, the Beavers slowly hit their stride, and began to cut down the gap. Hohorst's short sets and tapins showed the way and the Engineers took over the lead, leaving the court with a 33-32 halftime margin.

During the second half the tempo was much faster, with both squads putting in some sensational shots. However, the Engineers, utilizing the fast break and accurate shooting, began to open up a lead, and were comfortably in front through most of the half. The visitors, not entirely daunted, cut away at a one-time 14-point Tech margin, but could not catch up, as the scoring totals of both squads mounted.

### Scoring Well Distributed

Top man in scoring for the tilt was Bowdoin's Dick Bishop with 20 points. Right behind him was Hohorst's 19, which is the Tech high for this season. . . . Lee Hong treated the crowd to some fancy floorwork during the second half, and also sank some nifty set-shots. . . . Six Engineers scored in double figures which should also be a record of some sort. . . . Tomorrow night the Beavers will attempt to duplicate an earlier victory over Northeastern, meeting the Huskies on the latter's court.

### Summary:

M.I.T. (83)				Bowdoin (74)			
	G	F	P		G	F	P
MacMill'n, rf	1	0	2	McArthur, lg	3	1	7
Garthe, rf	5	1	11	Spier, lg	2	3	7
Hohorst, lf	9	1	19	Reimer, rg	2	3	7
Nacey, lf	3	4	10	Leger, rg	0	0	0
Morton, c	1	0	2	Handy, rg	0	0	0
Hong, rg	6	0	12	Jordan, c	3	6	12
Glantz, rg	5	3	13	Sirov, c	2	1	5
Corrie, lg	1	2	4	Bishop, lf	6	8	20
Rorshach, lg	3	4	10	Connolly, lf	2	3	7
				Candora, rf	2	3	7
TOTALS	34	15	83	Rubby, rf	1	1	3
				TOTALS	23	18	74

## Callahan Fights Pain As Varsity Maulers Bow to Brown 21-10

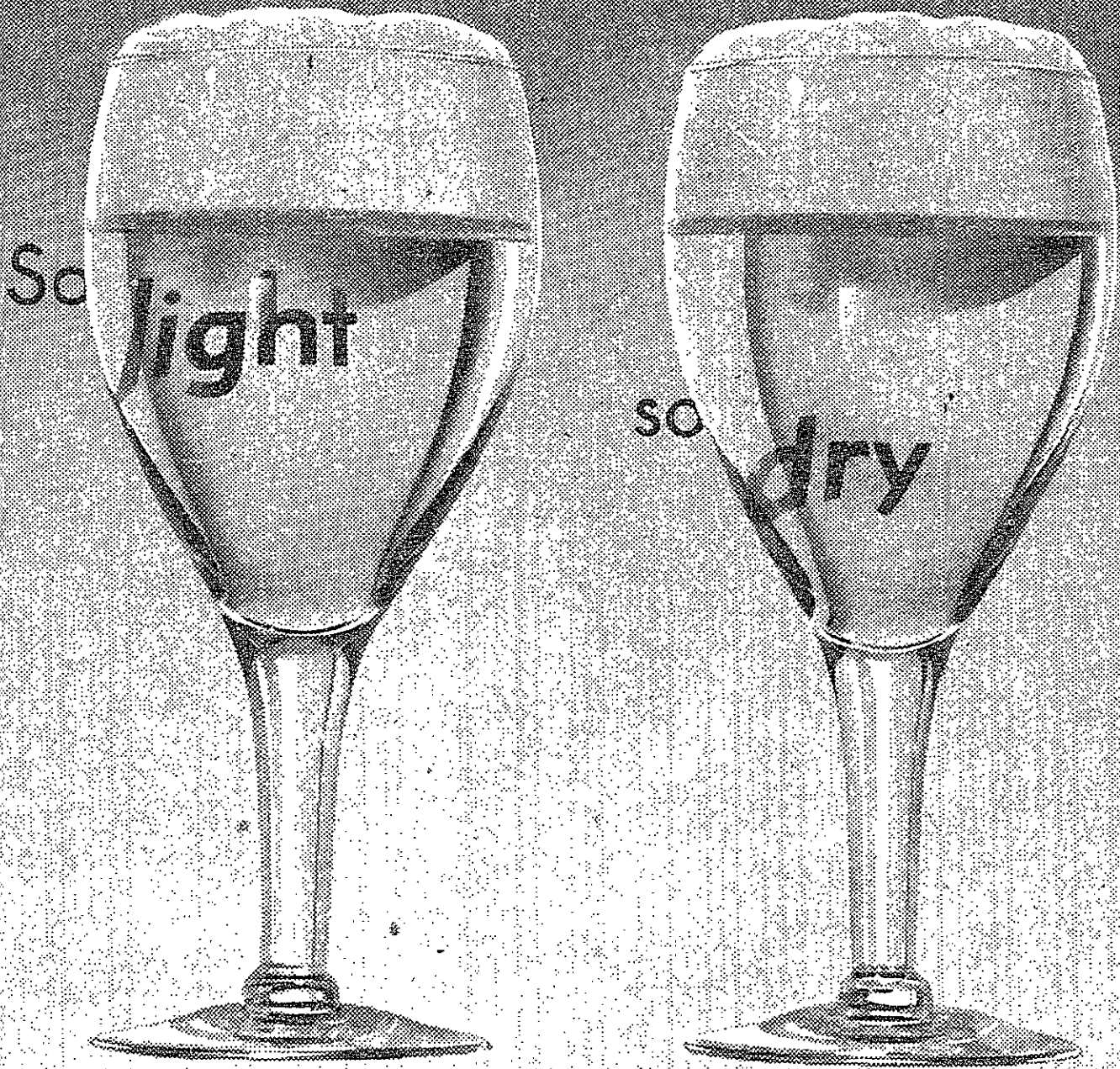
Foley, Raymond Also Score For Varsity Freshmen Lose, 26-8

Coming to grips with a powerful Brown team last Saturday in Rockwell Cage, Tech's varsity grapplers went down to defeat 21-10. Although the score doesn't indicate a close meet, it really was nip and tuck down to the finish, with Brown clinching it in the last two matches.

The sterling performance turned in by Tom Callahan was one which was a credit to the team, to M.I.T., and to himself, and it undoubtedly will not be soon forgotten. Sustaining a painful knee injury at the beginning of his match, he refused to default and went on to win by decision.

In the preliminary meet the Frosh team fought gamely to overcome a 10 point deficit due to forfeits, but, unable to regain the lost points, they lost 26-8.

Tech's points were scored by Capt. Chuck Seymour, who secured the only Tech pin of the afternoon in 4:14, and also by Dick Landy.



glass after glass after glass

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Mud

(Continued from Page 1)

gether. The binding action begins two minutes or less after the mixing has taken place, and five hours after treatment the soil is an elastic mass with tensile strengths from 5 to 10 pounds per square inch.

In the recent tests of the process, a stabilized soil block three inches thick withstood the weight of a car moving over it without noticeable indentation. A 16-pound steel ball dropped onto the test section from a height of seven feet rebounded about six inches without causing any damage to the section. A similar blow, according to the report, on any of the known pavements such as concrete would probably have resulted in serious shattering.

Although the behavior of soil solidified by this new process under unusual high or low temperatures and after continuous long wear has not yet been studied in sufficient detail, the committee is optimistic in this respect. Tests under a wide variety of conditions are being conducted at the present time.

Track

(Continued from Page 1)

feet to set a new record of 54' 8 3/4". The old record was 50' 10 3/4". Tech's winning margin might have been even higher except that Jones of Tech suffered a broken ankle and Roth sprained an ankle in the high jump.

Fresh Wins

The Beaver Freshmen won their meet against the Northeastern Frosh to give Tech a perfect day in track. Unlike the varsity, however, the Frosh were pressed all the way before they came through with a 47-43 victory.

With Connell of Northeastern pushing him most of the way, George Grenier of Tech turned in a new Freshman 600 yard record of 1:16.9, breaking a mark of 1:17.8 set back in 1939. Other Tech firsts were taken by Munro in the high hurdles and high jump, Colton in the 300 yard run, Hooper in the shot put, and Legien in the broad jump.

Summary:

High Hurdles: 1. Kubick, N.; 2. Anderson, M.I.T.; 3. Martin, N.; 59; 50 yard dash: 1. Dell'Isola, M.I.T.; 2. Martin, N.; 3. Aumen, N.; 5.6; 1 mile run: 1. Belton, M.I.T.; 2. Simpson M.I.T.; 3. Fredrickson, N.; time 4:37.3; 600 yard run: 1. Dell'Isola,

Rifle

(Continued from Page 1)

went to the line in the next to the last relay, with the University of Maryland leading the race with a 1404. Reliable Dud Hartung led off for the Beaver's first team with a 278, then Mel Bowers added a 285. With the pressure on him Art Auer again came through with a 285. As the word went around that it looked as if Maryland might finally be defeated, Robertson, after firing a 100 prone, accidentally discharged his rifle in the kneeling position to lose 10 points and ultimately the match. Allan Tanner valiantly tried to make up for Robertson's 269 but could do no better than a 279. This gave the Engineers a 1396 and second place.

M.I.T.: 2. Olney, M.I.T.; 3. Lewi, M.I.T., time 1:14.7; 2 mile run: 1. Nicholson, M.I.T.; 2. Hunt, M.I.T.; 3. Hart, N., time 10:05.7; 1000 yard run: 1. Vickers, M.I.T.; 2. Belton, M.I.T.; 3. Lewi, M.I.T., time 2:22.6; 300 yard run: 1. Olney, M.I.T.; 2. Dell'Isola, M.I.T.; 3 (tie), Childs, M.I.T.; Flanagan, N., time 33.0; 35 lb. weight: 1. Adams, M.I.T.; 2. Sellers, N.; 3. McKinnon, N., distance 54' 8 3/4" (new record); 10 lb. shot put: 1. Montuori, N.; 2. Adams, M.I.T.; 3. Childs, M.I.T., distance 44' 9 1/4"; pole vault: 1. Jones, M.I.T.; 2 (tie), Krigman, N.; Mascola, M.I.T.; Thompson, M.I.T., distance 11'; broad jump: 1. Mazzoca, N.; 2. Martin, N.; 3. Thompson, M.I.T., distance 22' 1"; high jump: 1. Mazzoca, N.; Roth, M.I.T. and Thompson (tie for second), distance 6' 1/4".

Meanwhile, the second team had been doing a fine job with a score of 1372. The first six teams were: University of Maryland No. 1, 1404; M.I.T. No. 1, 1396; University of Maryland No. 2, 1392; George Washington, 1389; Naval Academy, No. 1, 1381; M.I.T. No. 2, 1372.

Summaries: M.I.T. vs. Yale 286 vs. Rutgers 286  
Tanner 286 Hartung 286

Auer	280	Robertson	283
Worley	275	Tanner	280
Zartarian	274	Worley	279
Turner	266	Auer	276
	1381		1402
vs. CCNY & Columbia		Washington Opens	
Auer	283	Team No. 1	279
Voelker	283	Hartung	279
Worley	282	Bowers	285
Tanner	280	Auer	289
Zartarian	278	Robertson	279
	1414	Tanner	1396

Calendar

(Continued from Page 2)

well as to the leaders of various organizations. A separate listing of the Calendar of Events will be mailed to others for one dollar a year, payable in advance at Room 7-204.

Announcements, typewritten and signed, must be in the Office of the Editor, Room 7-204, not later than noon on Thursday, prior to publication date. Material for the Calendar, March 1-7, is due February 23.

TRIB

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